



## Electrical Panel Upgrade Procedure Manual

**Applicable Utilities:** SCE, SDG&E, LADWP, PG&E, RPU, or AHJ in area where project is located

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### List of Processes

1. Request homeowner / host customer place a call to the utility for a meter spot for a MSP main service panel upgrade. I.e. like for like or from 100A to 200A, 225A, etc.
2. Once approval from the utility is acquired, an electrical permit will need to be submitted for the panel upgrade.
3. Schedule a disconnect / reconnect with the utility, as well as schedule an afternoon inspection with the AHJ, to allow for reconnect with the Utility before the end of the work day.
4. Removal of stucco, wood trim, etc. around the panel to create necessary space for new panel to be installed, allow for 4-6" of working room, waterproofing and lathe.
5. Upon installation of the new panel, provide required grounding, possibly up to 2 grounding rods 6' deep minimum and 6' apart, using #6 solid / stranded for up to 200A.

6. Provide cold water bonds and gas bonds if required.
7. Provide and install paper and lathe and obtain required water proofing inspection, prior to scratch and brown coat.
8. Provide 1" future out of panel to allow for future electrical access into panel from exterior wall.
9. Place brown and scratch coats and request brown coat inspection, prior to finishing coat.
10. Place and finish stucco, wood trim, etc. to provide finish to match existing.
11. Provide paint if needed to allow for finish to match existing finish.
12. Provide final inspection for panel upgrade, complete all needed code compliant requirements.
13. Cleanup jobsite related to the scope of work to leave the site in a professional manner.
14. Provide a photo copy of the signed inspection card with final signature(s) clearly visible and provided to EV Nation.